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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/608,907
Filing Date	June 27, 2003
First Named Inventor	Storer <i>et al.</i>
Group Art Unit	1623
Examiner Name	Traviss C. McIntosh III
Attorney Docket Number	06171.105084 IDX 1018

3405786 1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear	T ⁴
		Number	Kind Code (if known)				
TM	AA	4,814,477		Wijnberg <i>et al.</i>	03-21-1989		
	AB	4,952,740		Sylvain <i>et al.</i>	08-28-1990		
	AC	5,223,263		Hostetler <i>et al.</i>	06-29-1993		
	AD	5,780,617		van den Bosch <i>et al.</i>	05-31-1994		
	AE	5,696,277		Hostetler <i>et al.</i>	12-09-1997		
	AF	5,763,418		Matsuda <i>et al.</i>	06-09-1998		
	AG	5,789,608		Glazier	08-04-1998		
	AH	6,172,046		Albrecht	01-09-2001		
	AI	6,252,060		Hostetler <i>et al.</i>	06-26-2001		
	AJ	2003/0008841		Devos <i>et al.</i>	08-07-2001		
	AK	6,277,830		Ganguly <i>et al.</i>	08-21-2001		
	AL	6,348,587		Schinazi <i>et al.</i>	02-19-2002		
	AM	2002/0055483		Watanabe <i>et al.</i>	05-09-2002		
	AN	2002/0055473		Ganguly <i>et al.</i>	05-09-2002		
	AO	2002/0095033		Ramasamy <i>et al.</i>	07-18-2002		
	AP	6,436,437		Yatvin <i>et al.</i>	08-20-2002		
	AQ	6,448,392		Hostetler <i>et al.</i>	09-10-2002		
	AR	6,448,392		Hostetler <i>et al.</i>	09-10-2002		
	AS	2002/0127203		Albrecht	09-12-2002		
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	AU	6,495,677		Ramasamy <i>et al.</i>	12-17-2002		
	AV	2002/0198171		Schinazi <i>et al.</i>	12-26-2002		
	AW	2003/0008841		Devos <i>et al.</i>	01-09-2003		
	AX	2003/0050229		LaColla <i>et al.</i>	03-13-2003		
	AY	2003/0055013		Brass	03-20-2003		
	AZ	2003/0053986		Zahm	03-20-2003		
	AAA	2003/0060400		LaColla <i>et al.</i>	03-27-2003		
TM	AAB	2003/0087873		Stuyver <i>et al.</i>	05-08-2003		

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/Traviss McIntosh III/ (08/09/2006)

Date
Considered

08/09/2006

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				First Named Inventor	Storer <i>et al.</i>
				Group Art Unit	1623
				Examiner Name	Traviss C. McIntosh III
				Attorney Docket Number	06171.105084 IDX 1018
	2	of	4		

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U.S. PATENT DOCUMENTS							
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		Number	Kind Code (if known)				
TM	BA	6,566,365		Storer <i>et al.</i>	05-20-2003		
	BB	6,573,248		Ramasamy <i>et al.</i>	06-03-2003		
	BC	6,599,887		Hostetler <i>et al.</i>	07-29-2003		
	BD	2003/0225029		Stuyver <i>et al.</i>	12-04-2003		
	BE	6,660,721		Devos <i>et al.</i>	12-09-2003		
	BF	2004/0002476		Stuyver <i>et al.</i>	01-01-2004		
	BG	2004-0023921		Yao <i>et al.</i>	02-05-2004		
	BH	2004/0059104		Cook <i>et al.</i>	03-25-2004		
	BI	2004/0063658		Roberts <i>et al.</i>	04-01-2004		
	BJ	2004/0067901		Bhat <i>et al.</i>	04-08-2004		
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	BN	2004/0110718		Devos <i>et al.</i>	06-10-2004		
	BO	6,752,981		Erion <i>et al.</i>	06-22-2004		
	BP	2004/0147464		Roberts <i>et al.</i>	07-29-2004		
	BQ	6,777,395		Bhat <i>et al.</i>	08-17-2004		
	BR	6,784,166		Devos <i>et al.</i>	08-31-2004		
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	BU	2004/0266723		Otto <i>et al.</i>	12-30-2004		
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	BW	6,846,810		Martin <i>et al.</i>	01-25-2005		
	BX	6,875,751		Imbach <i>et al.</i>	04-05-2005		
✓	BY	2005/0119200		Roberts <i>et al.</i>	06-02-2005		
	BZ	6,911,424		Schinazi <i>et al.</i>	06-28-2005		
TM	BAA	6,965,066		Jiang <i>et al.</i>	11-15-2005		

Examiner Signature	/Traviss McIntosh III/ (08/09/2006)	Date Considered	08/09/2006
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		Examiner Name	Traviss C. McIntosh III		
		Attorney Docket Number	06171.105084 IDX 1018		
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TM	CA	GB	1163 103		Merck	09-04-1969		
	CB	GB	1163 102		Merck	09-04-1969		
	CC	GB	1209 654		Merck	10-21-1970		
	CD	EP	0747 389		Taiho Pharmaceutical Co. Ltd.	12-11-1996		
	CE	WO	03/051899		Girardet <i>et al.</i>	06-26-2003		
	CF	WO	03/061385		An <i>et al.</i>	07-31-2003		
	CG	WO	03/061576		An <i>et al.</i>	07-31-2003		
	CH	WO	03/062256		An <i>et al.</i>	07-31-2003		
	CI	WO	03/062257		An <i>et al.</i>	07-31-2003		
	CJ	WO	03/062255		Hong <i>et al.</i>	07-31-2003		
	CK	WO	04/000858		Carroll <i>et al.</i>	12-31-2003		
	CL	WO	04/007512	A2	Merck & Co., Isis Pharmaceutical	01-22-2004		
TM	CM	WO	06/012440	A2	Wang <i>et al.</i>	02-02-2006		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
TM	CN	AWANO, H., <i>et al.</i> , "Nucleosides and nucleotides. Part 144. Synthesis and antiviral activity of 5-substituted (2'S)-2'-deoxy-2'-C-methylcytidines and -uridines," <i>Archiv der Pharmazie</i> , VCH Verlagsgesellschaft mbh, Weinheim, DE. 329 :66-72 (February 1, 1996).		
TM	CO	BEIGELMAN, L.N., <i>et al.</i> , "A general method for synthesis of 3'-C-alkylnucleosides," <i>Nucleic Acids Symp. Ser.</i> , 9:115-118 (1981).		
TM	CP	CAPELLACCI, L., <i>et al.</i> , "Ribose-modified nucleosides as ligands for adenosine receptors: Synthesis, conformational analysis, and biological evaluation of 1'-C-methyl adenosine analogues," <i>J. Med. Chem.</i> , 45:1196-1202 (2002).		
TM	CQ	FEDEROV, I.I., <i>et al.</i> , "3'-C-branched 2'-deoxy-5-methyluridines: Synthesis, enzyme inhibition, and antiviral properties," <i>J. Med. Chem.</i> , 35:4567-4575 (1992).		
TM	CR	FRANCHETTI, P., <i>et al.</i> , "2'-C-Methyl analogues of selective adenosine receptor agonists: synthesis and binding studies," <i>J. Med. Chem.</i> , 41(10):1708-1715 (1998).		
TM	CS	HATTORI, H., <i>et al.</i> , "Nucleosides and nucleotides. 158," <i>J. Med. Chem.</i> , 39:5005-5011 (1996).		

Examiner Signature	/Traviss McIntosh III/ (08/09/2006)	Date Considered	08/09/2006
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵	
TM	DA	HREBABECKY, H., <i>et al.</i> , "Nucleic acid components and their analogues. CXLIX. Synthesis of pyrimidine nucleosides derived from 1-deoxy-D-psicose," <i>Collect. Czech. Chem. Commun.</i> , 37:2059-2065 (1972).		
	DB	HREBABECKY, H., <i>et al.</i> , "Synthesis of 7- and 9-β-D-psicofuranosylguanine and their 1'-deoxy derivatives," <i>Collect. Czech. Chem. Commun.</i> , 39:2115-2123 (1974).		
	DC	JOHNSON, C.R., <i>et al.</i> , "3'-C-Trifluoromethyl ribonucleosides," <i>Nucleosides & Nucleotides</i> , 14(1&2):185-194 (1995).		
	DD	LI, Nan.-Sheng., <i>et al.</i> , "2'-C-branched ribonucleosides. 2. Synthesis of 2'-C-β-trifluoromethyl pyrimidine ribonucleosides," <i>Organic Letters</i> , 3(7):1025-1028 (2001).		
	DE	MATSUDA, A., <i>et al.</i> , "Radical deoxygenation of <i>tert</i> -alcohols in 2'-branched-chain sugar pyrimidine nucleosides: Synthesis and antileukemic activity of 2'-deoxy-2'(S)-methylcytidine," <i>Chem. Pharm. Bull.</i> , 35(9):3967-3970 (1987).		
	DF	MATSUDA, A., <i>et al.</i> , "Nucleosides and Nucleotides. 94. Radical deoxygenation of <i>tert</i> -alcohols in 1-(2-C-alkylpentofuranosyl)pyrimidines: Synthesis of (2'S)-2'-deoxy-2'-C-methylcytidine, an antileukemic nucleoside," <i>J. Med. Chem.</i> , 34:234-239 (1991).		
	DG	MIKHAILOV, S.N., <i>et al.</i> , "Synthesis and properties of 3'-C-methylnucleosides and their phosphoric esters," <i>Carbohydrate Research</i> , 124:75-96 (1983).		
	DH	MURAL, Y., <i>et al.</i> , "A synthesis and an X-ray analysis of 2'-C-, 3'-C- and 5'-C-methylsangivamycins," <i>Heterocycles</i> , 1(33):391-404 (1992).		
	DI	ONG, S.P., <i>et al.</i> , "Synthesis of 3'-C-methyladenosine and 3'-C-methyluridine diphosphates and their interaction with the ribonucleoside diphosphate reductase from <i>Corynebacterium nephridii</i> ," <i>Biochemistry</i> , 31(45):11210-11215 (1992).		
	DJ	ROSENTHAL, A., <i>et al.</i> , "Branched-chain sugar nucleosides. Synthesis of 3'-C-ethyl (and 3'-C-butyl)uridine <i>Carbohydrate Research</i> , 79:235-242 (1980).		
	DK	SCHMIT, C., "Synthesis of 2'-deoxy-2'-α-monofluoromethyl and trifluoromethylnucleosides," <i>Synlett</i> , Thieme Verlag, Stuttgart, DE, (4):241-242 (1994).		
	DL	SHARMA, P.K., <i>et al.</i> , "Synthesis of 3'-trifluoromethyl nucleosides as potential antiviral agents," <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 19(4):757-774 (2000).		
✓	DM	TRONCHET, J.M.J.; <i>et al.</i> , "72. Synthèse et désamination enzymatique des C-hydroxyméthyl-3'-et C-méthyl-3'-beta-D-xylofuranosyl-9-adénines," <i>Helv. Chim. Acta</i> , 62:689-695 (1979).		
TM	DN	WOLF, J., <i>et al.</i> , "New 2'-C-branched-chain sugar nucleoside analogs with potential antiviral or antitumor activity," <i>Synthesis</i> , Georg Thieme Verlag, Stuttgart, DE, (8):773-778 (August 1992).		

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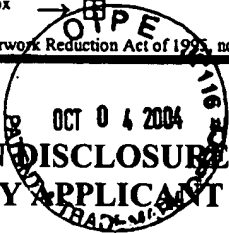
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			Filing Date	June 27, 2003	
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			Group Art Unit	Unassigned	
Examiner Name	Unassigned				
Attorney Docket Number	06171.105084 IDX 1018				
Sheet	1	of	2		

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		Office	Number	Kind Code ^{2,3} (if known)			
TM	AA	FR	1521076		Merck, & Co.	04-12-1968	
	AB	JP	06211890		Yamasa Shoyu Co. Ltd.	08-02-1994	
	AC	JP	06228186		Yamasa Shoyu Co. Ltd.	08-16-1994	
	AD	WO	01/90121		Novirio Pharmaceuticals Ltd.	11-29-2001	
	AE	WO	01/92282		Novirio Pharmaceuticals Ltd.	12-06-2001	
	AF	WO	01/60315		Biochem Pharma Inc.	08-23-2001	
TM	AG	WO	03/105770		Bhat Balkrishen	12-24-2003	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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TM	AH	BIANCO, <i>et al.</i> , "Synthesis of a New Carbocyclic Nucleoside Analog" Tetrahedron Letters, vol. 38., no. 36., Set 8, 1997	
TM	AI	CHIACCHIO, <i>et al.</i> , "Stereoselective Synthesis of 2'-Amino-2',3'-dideoxynucleosides by Nitron 1,3-Dipolar Cycloaddition: A New Efficient Entry Toward d4T and its 2-Methyl Analogue" J. Org. Chem., vol. 64, 1999, pp. 28-36	
TM	AJ	CZERNECKI, <i>et al.</i> , "Synthesis of 2'-Deoxy-2'-Spirocyclopropyl Cytidine as Potential inhibitor of Ribonucleotide Diphosphate Reductase" Can J. Chem, vol. 71, 1993, 413-416	
TM	AK	HASSAN, <i>et al.</i> , "Nucleosides and Nucleotides. 156. Chelation-Controlled and Nonchelation-Controlled Diastereofacial Selective Thiophenol Addition Reactions at the 2'Position of 2'-[(Alkoxy carbonyl)methylene]-2'-deoxyuridines: Conversion of (Z)-2'-[(Alkoxy carbonyl)methylene]-2'-Deoxyuridines into Their (E)-Isomers ¹ " J. Org. Chem., vol. 62, 1997, pp 11-17	

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Application Number		10/608,907			
Filing Date		June 27, 2003			
First Named Inventor		Sommadosi <i>et al.</i>			
Group Art Unit		Unassigned			
Examiner Name		Unassigned			
Attorney Docket Number		06171.105034 IDX 1018			


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Sheet	1	of	7
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U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear	T ⁶	
		Number	Kind Code (if known)					
TM	AA	3,798,209		Wilkowski, <i>et al.</i>	03-19-1974			
	AB	RE29,835		Witkowski <i>et al.</i>	11-14-1978			
	AC	4,522,811		Eppstein <i>et al.</i>	06-11-1985			
	AD	4,957,924		Beauchamp	09-18-1990			
	AE	5,149,794		Yatvin <i>et al.</i>	09-22-1992			
	AF	5,157,027		Biller <i>et al.</i>	10-20-1992			
	AG	5,194,654		Hostetler <i>et al.</i>	03-16-1993			
	AH	5,223,263		Hostetler <i>et al.</i>	06-29-1993			
	AI	5,256,641		Yatvin <i>et al.</i>	10-26-1993			
	AJ	5,411,947		Hostetler <i>et al.</i>	05-02-1995			
	AK	5,463,092		Hostetler <i>et al.</i>	10-31-1995			
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	AN	5,543,391		Yatvin <i>et al.</i>	08-06-1996			
		AO	5,554,728		Basava <i>et al.</i>	09-10-1996		
	TM	AP	6,312,662	B1	Erion <i>et al.</i>	11-06-2001		

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TM	AQ	DE	3,512,781	A1	Soc. Nat. Elf Aquitaine	10-17-1985		
	AR	EP	0,180,276	B1	Stamicarbon B.V.	12-19-1988		
	AS	EP	0,350,287	B1	Chimerix	09-27-2000		
	AT	EP	0,650,371	B1	State of Oregon	11-15-2000		
	AU	WO	89/02733	A1	Regents of the Univ. of California	04-06-1989		
	AV	WO	90/00555	A1	Vical Inc.	01-25-1990		
TM	AW	WO	91/16920	A1	Vical Inc.	11-14-1991		

Examiner Signature	/Traviss McIntosh III/ (08/09/2006)	Date Considered	08/09/2006
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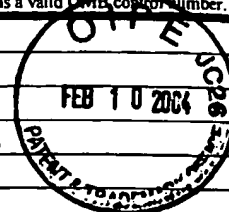
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				First Named Inventor	Sommadossi et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
2	of	7	Attorney Docket Number	06171.105034 IDX 1018	



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		Office ³	Number	Kind Code ² (if known)				
TM	BA	WO	91/18914	A1	Vical Inc.	12-12-1991		
	BB	WO	91/19721	A1	Glazier	12-26-1991		
	BC	WO	93/00910	A1	Vical Inc.	01-21-1993		
	BD	WO	94/26273	A1	Hostetler	11-24-1994		
	BE	WO	96/15132	A1	Regents of the Univ. of California	05-23-1996		
	BF	WO	99/15194	A1	Schering Corporation	04-01-1999		
	BG	WO	99/43691	A1	Emory; U. Georgia Res. Found.	09-02-1999		
	BH	WO	99/45016	A2	Metabasis Therapeutics Inc.	09-10-1999		
	BI	WO	99/59621	A1	Schering Corporation	11-25-1999		
	BJ	WO	99/64016	A1	Hoffman-La Roche AG	12-16-1999		
	BK	WO	00/24355	A1	Smith & Nephew Kinetic	05-04-2000		
	BL	WO	00/37110	A2&3	Schering Corporation	06-29-2000		
	BM	WO	00/52015	A2&3	Metabasis Therapeutics	09-08-2000		
	BN	WO	01/18013	A1	Metabasis Therapeutics	03-15-2001		
	BO	WO	01/32153	A2	Biochem Pharma	10-05-2001		
	BP	WO	01/47935	A2&3	Metabasis Therapeutics	07-05-2001		
	BQ	WO	01/60315	A2	Biochem Pharma	08-23-2001		
	BR	WO	01/79246	A2&3	Pharmasset	10-25-2001		
	BS	WO	01/81359	A1	Schering Corporation	11-01-2000		
	BT	WO	01/90121	A2&3	Novirio (Idenix); Univ. ... Cagliari	11-29-2000		
	BU	WO	01/92282	A2&3	Novirio (Idenix); Univ. ... Cagliari	06-12-2001		
	BV	WO	01/96353	A2&3	Novirio Pharm. (Idenix); C.N.R.S.	21-20-2001		
	BW	WO	02/057287	A2&3	Merck; Isis Pharmaceuticals	07-25-2002		
	BX	WO	02/057425	A2	Merck; Isis Pharmaceuticals	07-25-2002		
	BY	WO	02/18404	A2&3	Hoffman-La Roche AG	03-07-2002		
	BZ	WO	02/32414	A2&3	Schering Corporation	04-25-2002		
	BAA	WO	02/32920	A2	Pharmasset	04-25-2002		
	BAB	WO	02/48165	A2&3	Pharmasset	06-20-2002		
TM	BAC	WO	03/024461	A1	Schering Corporation	03-27-2003		

Examiner Signature	/Traviss McIntosh III/ (08/09/2006)	Date Considered	08/09/2006
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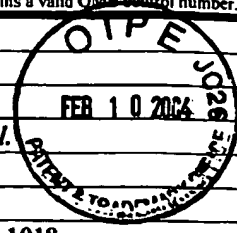
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				Filing Date	June 27, 2003
				First Named Inventor	Sommadossi <i>et al.</i>
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	06171.105034 IDX 1018
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FOREIGN PATENT DOCUMENTS								
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		Office ³	Number	Kind Code ² (if known)				
TM	CA	WO	04/003138	A2	Merck & Co., Isis Pharmaceutical	01-08-2004		
TM	CB	WO	04/007512	A2	Merck & Co., Isis Pharmaceutical	01-22-2004		
TM	CC	WO	04/009020	A2	Merck & Co., Isis Pharmaceutical	01-29-2004		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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TM	CD	BAGINSKI, S. G. <i>et al.</i> , "Mechanism of action of a pestivirus antiviral compound," <i>PNAS USA</i> , 97(14): 7981-7986 (2000).		
	CE	BATTAGLIA, A.M. <i>et al.</i> , "Combination Therapy with Interferon and Ribavirin in the Treatment of Chronic Hepatitis C Infection", <i>Ann. Pharmacother.</i> , 34:487-494 (2000).		
	CF	BERENGUER, M. <i>et al.</i> , "Hepatitis C virus in the transplant setting", <i>Antivir. Ther.</i> , 3 (Suppl 3):125-136 (1998).		
	CG	BERMAN, E. <i>et al.</i> , "Synergistic cytotoxic effect of azidothymidine and recombinant interferon alpha on normal human bone marrow progenitor cells," <i>Blood</i> , 74(4):1281-1286 (1989)		
	CH	BHAT <i>et al.</i> (Oral Session V, Hepatitis C Virus, Flaviviridae, 2003 (Oral Session V, Hepatitis C Virus, Flaviviridae; 16 th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.); p A75).		
	CI	BROWNE, M.J., <i>et al.</i> , "2',3'-didehydro-3'-deoxythymidine (d4T) in patients with AIDS or AIDS-Related Complex: A Phase I trial," <i>J. Infect. Dis.</i> , 167(1):21-29 (1993).		
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	CL	DAVIS, G.L., "Current therapy for chronic Hepatitis C," <i>Gastroenterology</i> 118:S104-S114 (2000).		
	CM	De FRANCESCO, R., <i>et al.</i> , "Approaching a new era for hepatitis C virus therapy: inhibitors of the NS3-4A serine protease and the NS5B RNA-dependent RNA polymerase," <i>Antiviral Research</i> , 58: 1-16 (2003).		
TM	CN	De LOMBAERT, S., <i>et al.</i> , "N-Phosphonomethyl dipeptides and their phosphonate prodrugs, a new generation of neutral endopeptidase (NEP, EC 3.4.24.11) inhibitors," <i>J. Med. Chem.</i> , 37:498-511 (1994).		

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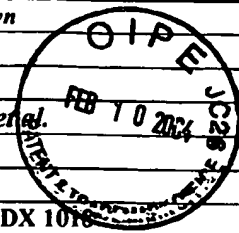
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		Filing Date	June 27, 2003
		First Named Inventor	Sommadossi et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	06171.105034 IDX 1016
4	of	7	



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TM	DA	DORNSIFE, R.E., et al., "In vitro potency of inhibition by antiviral drugs of hematopoietic progenitor colony formation correlates with exposure at hemotoxic levels in Human Immunodeficiency Virus-positive humans," <i>Antimicrob. Agents Chemother.</i> , 40(2):514-519 (1996).	
	DB	DYMOCK, B.W., et al., "Review: Novel approaches to the treatment of hepatitis C virus infection," <i>Antiviral Chemistry & Chemotherapy</i> , 11(2):79-95 (2000).	
	DC	ELDRUP et al. (Oral Session V, Hepatitis C Virus, Flaviviridae; 16 th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.).	
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	DF	FARQUHAR, D., et al., "Synthesis and biological evaluation of neutral derivatives of 3-fluoro-2'-deoxyuridine 5'-phosphate," <i>J. Med. Chem.</i> 26: 1153 (1983);	
	DG	FARQUHAR, D., et al., "Synthesis and biological evaluation of 9-[5'-(2-oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential neutral precursors of 9-[β-D-arabinofuranosyl]adenine 5'-monophosphate," <i>J. Med. Chem.</i> 28:1358-1381 (1985).	
	DH	FERRARI R., et al., "Characterization of soluble hepatitis C virus RNA-dependent RNA polymerase expressed in <i>Escherichia coli</i> ," <i>Journal of Virology</i> , 73(2), 1649-1654 (1999).	
	DI	FISCHL, M.A., et al., "Zalcitabine compared with zidovudine in patients with advanced HIV-1 infection who received previous zidovudine therapy," <i>Ann. Intern. Med.</i> , 18(10):762-769 (1993).	
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	DK	GUNIC, E., et al., "Synthesis and cytotoxicity of 4'-C- and 5'-C-substituted Toyocamycins," <i>Bioorg. Med. Chem.</i> , 9:163-170 (2001).	
	DL	HARRY-O'KURU, R.E., J.M. Smith, and M.S. Wolfe, "A short, flexible route toward 2'-C-branched ribonucleosides", <i>J. Org. Chem.</i> 62, 1754-1759 (1997). (Scheme 11).	
TM	DM	HOSTETLER, K.Y., et al., "Synthesis and antiretroviral activity of phospholipids analogs of azidothymidine and other antiviral nucleosides," <i>J. Biol. Chem.</i> , 265:6112-6117 (1990)	

Examiner Signature	/Traviss McIntosh III/ (08/09/2006)	Date Considered	08/09/2006
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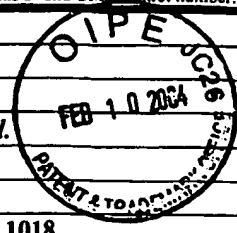
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS


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TM	EA	HOSTETLER, K.Y., <i>et al.</i> , "Greatly enhanced inhibition of Human Immunodeficiency Virus Type I replication in CEM and HT4-6C cells by 3'-deoxythymidine diphosphate dimyristoylglycerol, a lipid prodrug of 3'-deoxythymidine," <i>Antimicrob. Agents Chemother.</i> , 36:2025-2029 (September 1992).	
	EB	HUNSTON, R.N., <i>et al.</i> , "Synthesis and biological properties of some cyclic phosphotriesters derived from 2'-deoxy-5-fluorouridine," <i>J. Med. Chem.</i> 27:440-444 (1984).	
	EC	JONES, G. H.; Moffatt, J. G., <i>Methods in Carbohydrate Chemistry</i> ; Whisler, R. L. and Moffatt, J. L. Eds; Academic Press: New York, 1972; 315-322	
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	EH	KURTZBERG J., <i>et al.</i> , "Differential toxicity of carbovir and AZT to human bone marrow hematopoietic progenitor cells in vitro," <i>Exp. Hematol.</i> , 18(10):1094-1096 (1990).	
	EI	LEONARD, N. J., <i>et al.</i> , "5-Amino-5-deoxyribose derivatives. Synthesis and use in the preparation of "reversed" nucleosides" <i>J. Heterocycl. Chem.</i> , 3:485-489 (December 1966).	
	EJ	LERZA, R., <i>et al.</i> , "In vitro synergistic inhibition of human bone marrow hematopoietic progenitor growth by a 3'-azido-3'-deoxy-thymidine, 2',3'-dideoxycytidine combination," <i>Exp. Hematol.</i> , 25(3):252-255 (1997).	
	EK	LEWIS W., <i>et al.</i> , "Zidovudine induces molecular, biochemical, and ultrastructural changes in rat skeletal muscle mitochondria," <i>J. Clin. Invest.</i> , 89(4):1354-1360 (1992).	
	EL	LEWIS, L. D., <i>et al.</i> , "Ultrastructural changes associated with reduced mitochondrial DNA and impaired mitochondrial function in the presence of 2'3'-dideoxycytidine," <i>Antimicrob. Agents Chemother.</i> , 36(9):2061-2065 (1992).	
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	EN	LOHMANN V., <i>et al.</i> , "Biochemical and kinetic analyses of NS5B RNA-dependent RNA polymerase of the Hepatitis C virus," <i>Virology</i> , 249, 108-118 (1998).	
TM	EO	LUH, T.-Y., <i>et al.</i> , "A convenient method for the selective esterification of amino-alcohols," <i>Synthetic Communications</i> , 8(5):327-333 (1978).	

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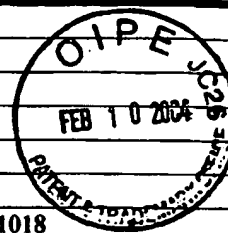
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/608,907
				Filing Date	June 27, 2003
				First Named Inventor	Sommadossi <i>et al.</i>
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	06171.105034 IDX 1018
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TM	FA	McCORMICK, J., <i>et al.</i> , "Structure and total synthesis of HF-7, a neuroactive glyconucleoside disulfate from the funnel-web spider <i>Hololena curta</i> ," <i>J. Am. Chem. Soc.</i> , 121(24), 5661-5664 (1999).	
	FB	MCKENZIE, R., <i>et al.</i> , "Hepatic failure and lactic acidosis due to fialuridine (FIAU), an investigational nucleoside analogue for chronic hepatitis B," <i>N. Engl. J. Med.</i> , 333(17):1099-1105 (1995).	
	FC	MEDINA, D. J., <i>et al.</i> , "Comparison of mitochondrial morphology, mitochondrial DNA content, and cell viability in cultured cells treated with three anti-Human Immunodeficiency Virus dideoxynucleosides," <i>Antimicrob. Agents Chemother.</i> , 38(8):1824-8 (1994).	
	FD	MEIER, C., <i>et al.</i> , "Cyclic saligenyl phosphotriesters of 2',3'-dideoxy-2',3'-didehydrothymidine (d4T) – A new pro-nucleic approach," <i>Bioorganic & Med. Chem. Letters</i> 7(2):99-104 (1997).	
	FE	MEYER, R.B., Jr., <i>et al.</i> , "2'-O-Acyl-6-thioinosine cyclic 3',5'-phosphates as prodrugs of thioinosinic acid," <i>J. Med. Chem.</i> 22: 811-815 (1979).	
	FF	NEIDLEIN, R., <i>et al.</i> , "Mild preparation of 1-benzoyloxyiminoalkylphosphonic dichlorides: Application to the synthesis of cyclic phosphonic diesters and cyclic monoester amides," <i>Heterocycles</i> 35:1185-1203 (1993).	
	FG	NUTT, R.F., <i>et al.</i> , "Branched-chain sugar nucleosides. III. 3'-C-methyladenine," <i>J. Org. Chem.</i> , 33:1789-1795 (1968).	
	FH	OLSEN, <i>et al.</i> (Oral Session V, Hepatitis C Virus, Flaviviridae; 16 th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.) p A76).	
	FI	PAN-ZHOU, X-R, <i>et al.</i> , "Differential effects of antiretroviral nucleoside analogs on mitochondrial function in HepG2 cells," <i>Antimicrob. Agents Chemother.</i> 44:496-503 (2000).	
	FJ	PIANTADOSI, C., <i>et al.</i> , "Synthesis and evaluation of novel ether lipid nucleoside conjugates for anti-HIV-1 activity," <i>J. Med. Chem.</i> 34:1408-1414 (1991).	
	FK	RICHMAN, D.D., <i>et al.</i> , "The toxicity of azidothymidine (AZT) in the treatment of patients with AIDS and AIDS-Related Complex," <i>N. Engl. J. Med.</i> , 317(4):192-197 (1987).	
	FL	SOMMADOSSI J-P, <i>et al.</i> , "Comparison of cytotoxicity of the (-) and (+) enantiomer of 2',3'-dideoxy-3'-thiacytidine in normal human bone marrow progenitor cells," <i>Biochemical Pharmacology</i> 44(10):1921-1925 (1992).	
V	FM	SOMMADOSSI J-P., <i>et al.</i> , "Toxicity of 3'-azido-3'-deoxythymidine and 9-(1,3-dihydroxy-2-propoxymethyl)guanine for normal human hematopoietic progenitor cells in vitro," <i>Antimicrobial Agents and Chemotherapy</i> , 31:452-454 (1987).	
TM	FN	STARRETT, J.E.Jr., <i>et al.</i> , "Synthesis, oral bioavailability determination, and <i>in vitro</i> evaluation of prodrugs of the antiviral agents 9-(2-(phosphonomethoxy)ethyl)adenine (PMEA)," <i>J. Med. Chem.</i> 37: 1857-1864 (1994).	

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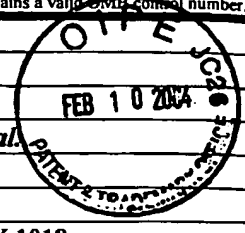
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	7	of	7	Attorney Docket Number	06171.105034 IDX 1018



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TM	GA	WEINBERG, R.S., et al., "Effect of antiviral drugs and hematopoietic growth factors on <i>in vitro</i> erythropoiesis," <i>Mt. Sinai J. Med.</i> 1998;65(1):5-13.		
TM	GB	YARCHOAN, R., et al. "Long-term toxicity / activity profile of 2',3'-dideoxyinosine in AIDS or AIDS-related complex," <i>The Lancet</i> , 336(8714):526-529 (1990).		
TM	GC	YOSHIDA Y, et al., "Reversal of azidothymidine-induced bone marrow suppression by 2',3'-dideoxythymidine as studied by hemopoietic clonal culture," <i>AIDS Res. Hum. Retroviruses</i> , 6(7):929-932 (1990).		
TM	GD	ZON, G., "Cyclophosphamide Analogues," Chapter 4 in <i>Progress in Medicinal Chemistry</i> , Vol. 19, G.P. Ellis and G.B. West, Eds., pp. 205-246 (1982).		

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